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Solutions in Sample Prep & CE

- Sample Prep Solutions
When Just Enough is Not Enough — Part II
- CE Solutions
Capillary Conditioning — The Foundation of Precision in CE
- Featured Applications
- Featured Webinars



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SAMPLE PREP SOLUTIONS

Separation Science 'Sample Prep Solutions' is the premier online resource for analytical scientists working with sample preparation techniques globally. Covering fundamentals, practicalities and troubleshooting it offers chromatographers and analytical chemists a genuine e-learning platform and application resource.

Issue 3
'Just Enough' Sample Preparation - Part II
In the last column, we discussed 'just enough' sample preparation techniques, such as filtration, protein precipitation, extraction partitioning, solid-supported liquid extraction and QuEChERS. Now we will discuss when 'just enough' is not enough sample preparation, and a more selective technique is required.
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CE SOLUTIONS

Cari Snger is best known as one of the world's foremost CE troubleshooting authorities. Separation Science and Cari Snger have collaborated to offer this digital learning platform providing valuable advice on everyday issues, problems and challenges faced by CE practitioners. Importantly, you will also have the opportunity to interact with Cari through our online questions submission system.

Issue 4
Capillary Conditioning — The Foundation of Precision in CE
In previous issues we saw the importance of a controlled, constant electro-osmotic flow (EOF) for proper precision. In this issue we will therefore look into the different strategies for capillary conditioning, as a good conditioning procedure is crucial to a stable EOF.
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FEATURED APPLICATIONS

Extraction of a Range of Immunosuppressants From Whole Blood Using ISOLUTE SLE+ for LC/MS/MS Analysis
Company: Biotage
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Screening 36 Veterinary Drugs in Animal Origin Food by LC/MS/MS Combined with Modified QuEChERS Method
Company: Agilent
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Rapid Automated Screening of Extractable Compounds in Materials for Food Packaging, Medical or Technical Purposes
Company: Gerstel
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A Comprehensive Approach to Pesticide Residue Testing, Including Non-Target Analysis, for Fruits, Vegetables, and Nuts, Using QuEChERS, LC-MS/MS, and GCxGC-TOFMS
Company: Restek
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UPCOMING WEBINARS

How to get Rugged Results in Pesticide Analysis using Triple Quadrupole GC-MS/MS?
Dr Katarina Mastovska
16th October, 2012
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Making the Undetectable Detectable — Derivatization in GC Analysis
Ruth Lewis
4th October, 2012
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Fast LC Method Development Using Superficially Porous Particle Columns
John Dolan
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